

# WARRIOR

## HEAVY DUTY CONCENTRATE DEGREASER

**WARRIOR** our heavy duty medium foam formula is a versatile powerful concentrate that solves all cleaning and degreasing jobs. **WARRIOR** is non-butyl and contains the most powerful solvents available to provide excellent all around cleaning. It's a very high dilution formula that provides super effective heavy and light duty cleanup. **WARRIOR** contains Purity's unique blend of biodegradable detergents, surfactants, and grease dissolving chemicals which facilitate attacking power that cuts through and removes heavy deposits of baked on carbonized grease, oils, wax, tar, asphalt, gums as well as being the best concentrated degreaser on the market today. One of the best things about it is that it is packaged in a 40 ounce bottle, that's 8 more ounces per bottle over a regular quart bottle. What that means is that with every dozen you get an extra 3/4 gallon of **WARRIOR**. That extra 3/4 gallon makes a 144 gallons of glass cleaner or 25 gallons of the most powerful degreaser over the standard dozen size sold on the market today.

FOR USE BY:	FOR USE ON:	FEATURE-BENEFIT:
Buildings Maint.	Auto	Concentrated
DOT	Chassis	Economical
Factories	Concrete	Safe
Golf Courses	Engines	Biodegradable
Hospitals	Golf Ball Washers	Non-Abrasive
Hotels/Motels	Kitchens	Versatile
Landfills	Maint. Operations	Reduces Inventory
Municipalities	Painted Equipment	Excellent for Pressure Washing
Parks and Rec	Parts	Non-Toxic
Schools	Spray Tanks (Dye)	
WWTP	Tires	
	Unpainted Equip.	
	Walls	
	Woodwork	

### DIRECTIONS:

Dilution ratio of **WARRIOR** to water: Air Conditioning Coils 40:1, Automatic Floor Machine 130:1, Ball Washers 180:1, Concrete Floor Cleaning 10:1, Engines and Motor Degreasing 20:1, General Hard Surface Cleaning 64:1, Glass 180:1, Machinery 30:1, Mop Water for Floors 40:1, Pressure Washer 50:1, Spray Tanks 50:1, Stoves 64:1, Trucks 20:1

### TECHNICAL DATA:

Composition: Organic, Inorganic Emulsifiers  
 Form: Liquid  
 Odor: Aromatic  
 Color: Purple  
 Toxicity: Non-Hazardous  
 Specific Gravity: 1.02  
 pH: 11.5  
 Biodegradability: Yes  
 Flammability: None



## WARRIOR

### HEAVY DUTY CONCENTRATED ALL PURPOSE DEGREASER

### CONTACT INFORMATION

OFFICE:  
**1-888-6PURITY (678-7489)**  
 FAX  
**1-877-9PURITY (978-7489)**  
 ADDRESS:  
**114 SOUTHFIELD PKWY**  
**SUITE 120**  
**FOREST PARK GA. 30297**  
[www.puritychemicals.com](http://www.puritychemicals.com)



# MATERIAL SAFETY DATA SHEET

**Purity Chemicals**  
**114 Southfield Pkwy. Ste. 120**  
**Forest Park, GA 30297**

**Issue Date: 5/30/04**  
**Product Name: Warrior**

## SECTION I – EMERGENCY CONTACT

Infotrac 800-535-5053

## SECTION II –HAZARDOUS INGREDIENTS

<u>Component</u>	<u>CAS #</u>	<u>TLV (ppm)</u>	<u>% (in prod.)</u>
Sodium metasilicate	6834-92-0	NA	<7

## SECTION III – HEALTH HAZARD

Acute Effects of Overexposure:

Skin: Irritating to skin.

Eyes: Corrosive to eyes.

Inhale: May be irritating to throat, nasal passages and mucous membranes.

Ingest: Corrosive to throat and stomach.

Existing respiratory disorders or skin diseases may be aggravated by exposure.

Chronic Effects of Overexposure: None if used with good personal hygiene. May cause skin or eye irritation upon prolonged or repeated contact.

HMS Codes: Health 2; Flam. 0; React. 0; Personal Protection B: Chronic Hazard.

The components of this product are not considered to be carcinogenic by NTP, IARC, or OSHA.

Established PEL/TLV: not established. Primary routes of entry: inhalation.

First aid procedures:

Skin: Wash contaminated area with soap or mild detergent. Get medical attention if irritation develops.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If irritation develops consult a physician.

Inhale: If symptoms occur move affected person to fresh air. If symptoms persist, get medical attention promptly.

Ingest: If product is swallowed, do not induce vomiting. If individual is alert, give plenty of water to drink. Get medical attention at once.

## SECTION IV – PROTECTION INFORMATION

Protective Clothing: No special measures required.

Eye Protection: Tight fitting safety goggles are recommended if splashing may occur.

Respiratory Protection: Open air or good room ventilation is normally adequate for safe use of product.

Ventilation: If vapors are detected, ventilate area by opening windows and using exhaust fans.

## SECTION V – PHYSICAL DATA

Boiling Point (F) 180 to 212

VOC content (%) 5 to 8

Vapor Density unknown

Specific Gravity: 1.05

Evaporation Rate (Bu acetate=1) unknown

Solubility in Water: complete

pH 11.5 to 12.5

vapor Pressure (mm Hg) unknown

Appearance and Odor: NA

## SECTION VI – FIRE AND EXPLOSION DATA

Flash Point (F) none at boil

Flammable Limits: LEL: unknown UEL: unknown

Extinguishing Media: Foam, CO<sub>2</sub>, dry chemical, water fog

Special Fire Fighting: None

Unusual Fire Hazards: None

## SECTION VII – REACTIVITY DATA

Stability: Stable

Incompatibility: None

Polymerization: Will not occur

Hazardous Decomposition: None

## SECTION VIII – SPILL AND STORAGE PROCEDURES

Steps to be taken in case material is spilled or released: Observe safety procedures described in Sections IV and IX during cleanup. Absorb spill on inert absorbent material. Pick up and place residue in a suitable waste container. Wash area thoroughly with detergent solution and rinse well with water.

Waste Disposal Method: Liquid wastes are not permitted in landfill. This product in a concentrated form is considered a hazardous waste under RCRA (corrosive). Consult local, state, and federal agencies for proper disposal in your area.

## SECTION IX – SPECIAL PRECAUTIONS

Precautions to be taken when handling and storing:

Keep out of reach of children. Harmful if swallowed. Avoid eye contact. Avoid prolonged contact with skin. Do not use, store, pour or spill near any source of ignition. Store in tight closed container in dry area at temps between 40 and 110 deg F.